

What Is Claimed Is:

1. A direct backlight module, comprising:
 - a diffuser;
 - 5 a reflecting plate disposed under the diffuser;
 - an illumination tube disposed between the diffuser and the reflecting plate; and
 - a support disposed on the reflecting plate and between the diffuser and the reflecting plate for supporting the diffuser
 - 10 and the illumination tube simultaneously, wherein the support has a fitting portion into which the illumination tube directly fits.
2. The direct backlight module as claimed in claim 1, wherein
- 15 a first gap exists between the support and the diffuser to protect the diffuser from deformation due to thermal expansion and contraction of the support.
3. The direct backlight module as claimed in claim 1, wherein
- 20 a second gap exists between the fitting portion of the support and the illumination tube to protect the illumination tube from deformation due to thermal expansion and contraction of the support.
4. The direct backlight module as claimed in claim 1, wherein
- 25 the reflecting plate further comprises a groove and the support further comprises an engaging portion engaged in the groove.
5. The direct backlight module as claimed in claim 1, wherein
- 30 the support is fixed to the reflecting plate by glue.

6. The direct backlight module as claimed in claim 5, wherein the support is fixed to the reflecting plate by hot glue.

5 7. The direct backlight module as claimed in claim 1, wherein the fitting portion of the support is a circular hole.

8. The direct backlight module as claimed in claim 1, wherein the fitting portion of the support is a U-shaped recess.

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9. The direct backlight module as claimed in claim 1, wherein the support has a substantially rectangular shape.

10. The direct backlight module as claimed in claim 1, wherein
15 the support has a substantially polygonal shape.

11. The direct backlight module as claimed in claim 1, wherein the support has a substantially curved shape.

20 12. The direct backlight module as claimed in claim 1, wherein the support is made of plastic.

13. The direct backlight module as claimed in claim 1, further comprising a diffusing plate disposed on the diffuser.

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14. The direct backlight module as claimed in claim 1, further comprising a prism disposed on the diffuser.

15. The direct backlight module as claimed in claim 13, further
30 comprising a prism disposed on the diffusing plate.